DPYSL2 Protein
Full-length recombinant human protein expressed in Sf9 cells

**Catalog # D470-30BG**
Lot # U1702-4

**Product Description**

Full-length recombinant human DPYSL2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number for DPYSL2 is **BC056408**.

**Gene Aliases**

CRMP2, DHPRP2, DRP-2, DRP2

**Formulation**

Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.

**Storage and Stability**

Store product at −70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Scientific Background**

Dihydropyrimidinase-related protein 2 (DPYSL2) is expressed in both the CNS and PNS, playing a key role in neuronal development, axonal and neuronal growth, cell migration, and protein trafficking. Disruptions of DPYSL2 function have been implicated in neurodegenerative disorders such as Alzheimer’s disease, neuropathic pain, and Batten disease, and to psychiatric disorders such as schizophrenia.

**References**


Purity

The purity of DPYSL2 was determined to be **>90%** by densitometry, DPYSL2 approx. MW 89kDa.

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**Specific Lot Number**

U1702-4

<table>
<thead>
<tr>
<th>Purity</th>
<th>Concentration</th>
<th>Stability</th>
<th>Storage &amp; Shipping</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;90%</td>
<td>0.1 ug/µl</td>
<td>1yr</td>
<td>at −70°C from date of shipment</td>
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</tbody>
</table>

Store product at −70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on dry ice.

To place your order, please contact us by phone 1-604-232-4600, fax 1-604-232-4601 or by email: orders@signalchem.com
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